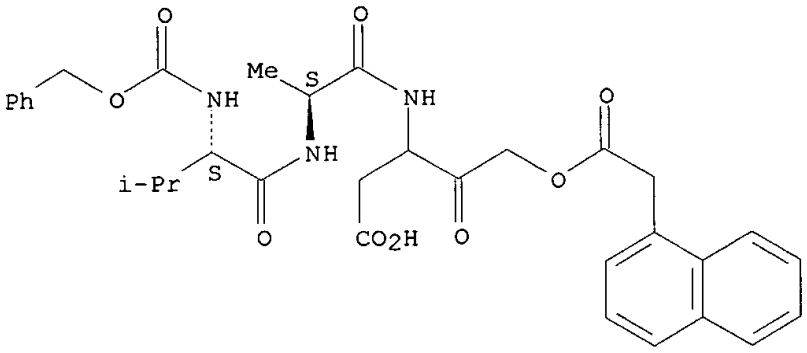
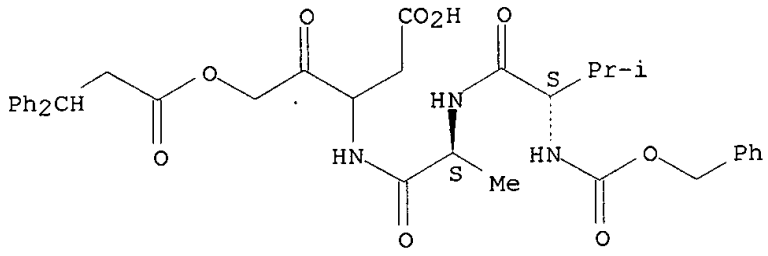
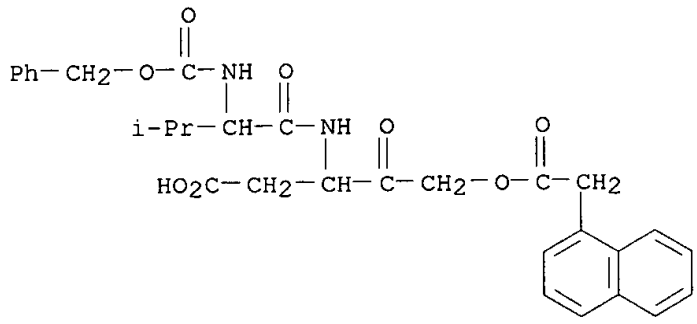


RN 206864-17-7 CAPLUS
CN L-Alaninamide,
N-[(phenylmethoxy)carbonyl]-L-valyl-N-[1-(carboxymethyl)-2-oxo-3-(1-oxo-3,3-diphenylpropoxy)propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



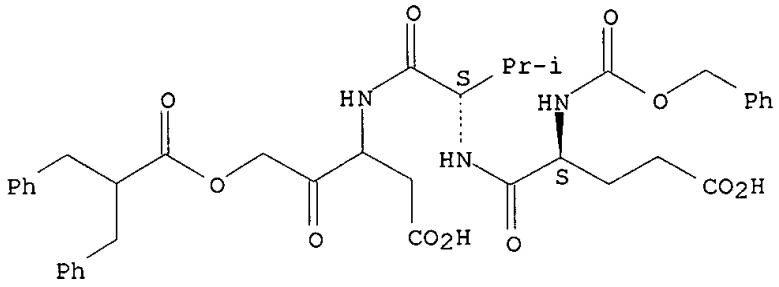
RN 206864-18-8 CAPLUS
CN 1-Naphthaleneacetic acid, 4-carboxy-3-[[3-methyl-1-oxo-2-[[(phenylmethoxy)carbonyl]amino]butyl]amino]-2-oxobutyl ester (9CI) (CA INDEX NAME)



RN 206864-19-9 CAPLUS

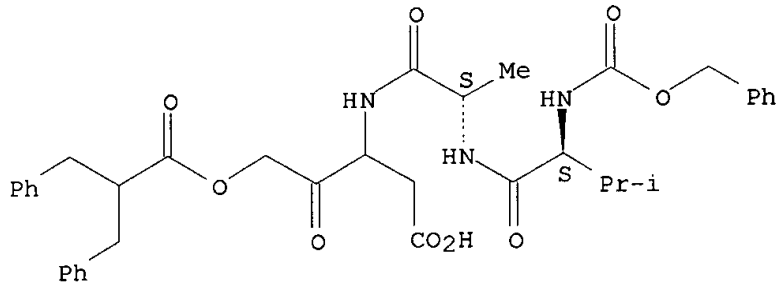
CN L-Valinamide, N-[(phenylmethoxy)carbonyl]-L-.alpha.-glutamyl-N-[1-(carboxymethyl)-2-oxo-3-[1-oxo-3-phenyl-2-(phenylmethyl)propoxy]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



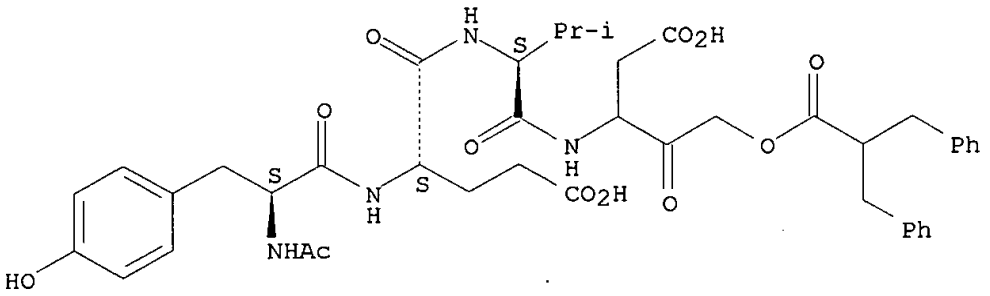
RN 206864-20-2 CAPLUS
CN L-Alaninamide, N-[(phenylmethoxy)carbonyl]-L-valyl-N-[1-(carboxymethyl)-2-oxo-3-[1-oxo-3-phenyl-2-(phenylmethyl)propoxy]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



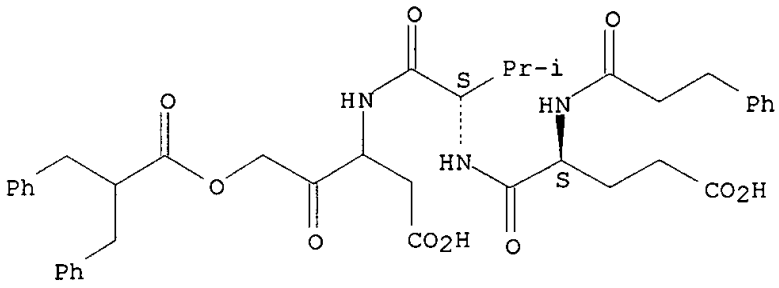
RN 206864-21-3 CAPLUS
CN L-Valinamide, N-acetyl-L-tyrosyl-L-.alpha.-glutamyl-N-[1-(carboxymethyl)-2-oxo-3-[1-oxo-3-phenyl-2-(phenylmethyl)propoxy]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



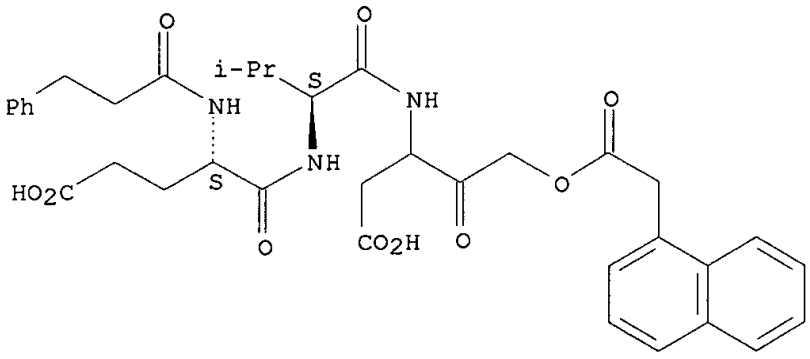
RN 206864-22-4 CAPLUS
CN L-Valinamide, N-(1-oxo-3-phenylpropyl)-L-.alpha.-glutamyl-N-[1-(carboxymethyl)-2-oxo-3-[1-oxo-3-phenyl-2-(phenylmethyl)propoxy]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



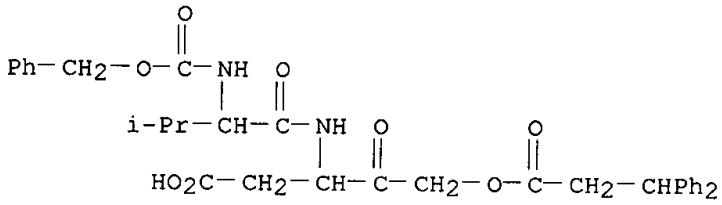
RN 206864-23-5 CAPLUS
CN L-Valinamide, N-(1-oxo-3-phenylpropyl)-L-.alpha.-glutamyl-N-[1-(carboxymethyl)-3-[(1-naphthalenylacetyl)oxy]-2-oxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

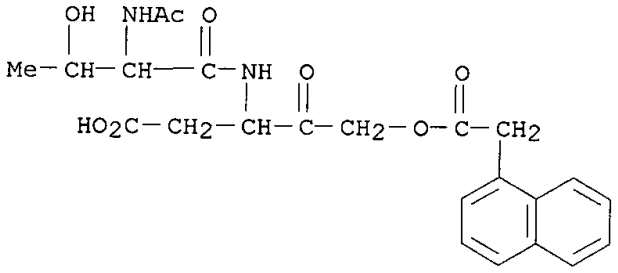


RN 206864-24-6 CAPLUS

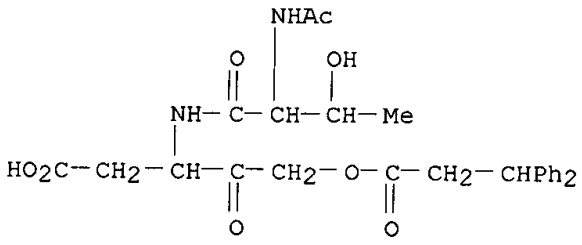
CN Benzenepropanoic acid, .beta.-phenyl-, 4-carboxy-3-[[3-methyl-1-oxo-2-[[(phenylmethoxy)carbonyl]amino]butyl]amino]-2-oxobutyl ester (9CI) (CA INDEX NAME)



RN 206864-25-7 CAPLUS
CN 1-Naphthaleneacetic acid, 3-[[2-(acetylamino)-3-hydroxy-1-oxobutyl]amino]-4-carboxy-2-oxobutyl ester (9CI) (CA INDEX NAME)

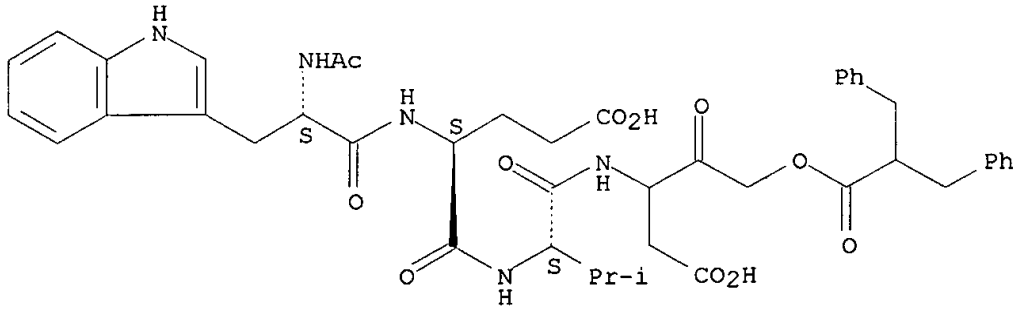


RN 206864-26-8 CAPLUS
CN Benzenepropanoic acid, .beta.-phenyl-, 3-[[2-(acetylamino)-3-hydroxy-1-oxobutyl]amino]-4-carboxy-2-oxobutyl ester (9CI) (CA INDEX NAME)

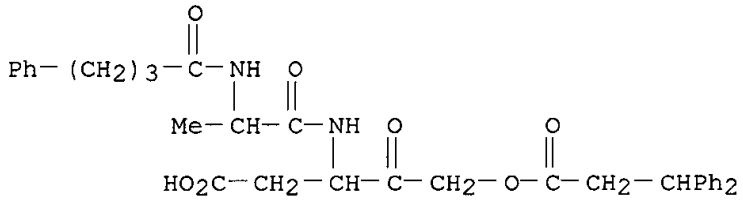


RN 206864-27-9 CAPLUS
CN L-Valinamide, N-acetyl-L-tryptophyl-L-.alpha.-glutamyl-N-[1-(carboxymethyl)-2-oxo-3-[1-oxo-3-phenyl-2-(phenylmethyl)propoxy]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

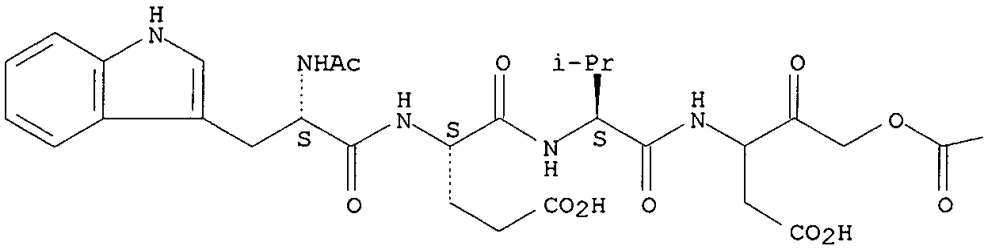


RN 206864-28-0 CAPLUS
CN Benzenepropanoic acid, .beta.-phenyl-, 4-carboxy-2-oxo-3-[[1-oxo-2-[(1-oxo-4-phenylbutyl)amino]propyl]amino]butyl ester (9CI) (CA INDEX NAME)

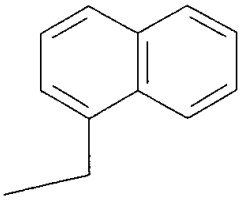


RN 206864-29-1 CAPLUS
CN L-Valinamide, N-acetyl-L-tryptophyl-L-.alpha.-glutamyl-N-[1-(carboxymethyl)-3-[(1-naphthalenylacetyl)oxy]-2-oxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

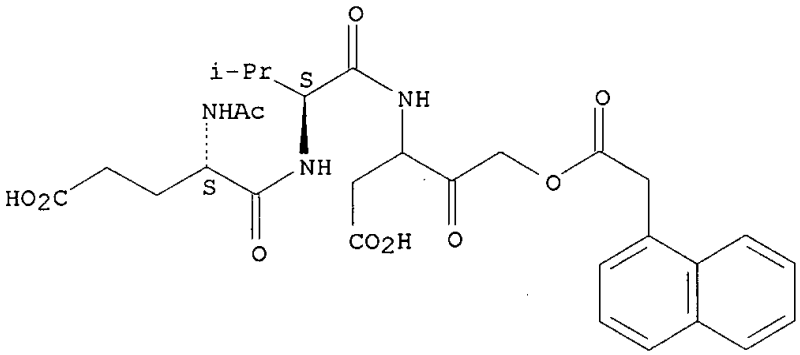


PAGE 1-B



RN 206864-30-4 CAPLUS
CN L-Valinamide, N-acetyl-L-.alpha.-glutamyl-N-[1-(carboxymethyl)-3-[(1-naphthalenylacetyl)oxy]-2-oxopropyl]- (9CI) (CA INDEX NAME)

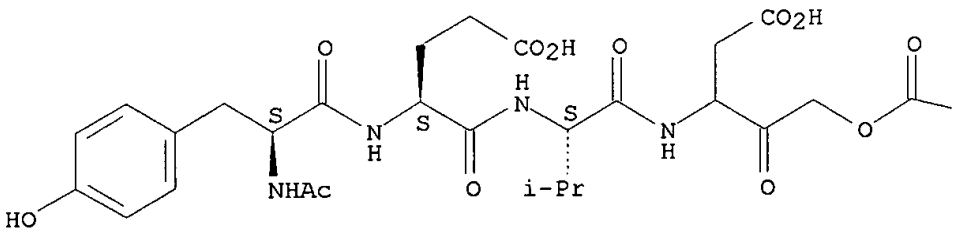
Absolute stereochemistry.

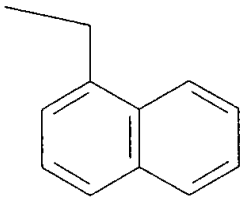


RN 206864-31-5 CAPLUS
CN L-Valinamide,
N-acetyl-L-tyrosyl-L-.alpha.-glutamyl-N-[1-(carboxymethyl)-3-[(1-naphthalenylacetyl)oxy]-2-oxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A





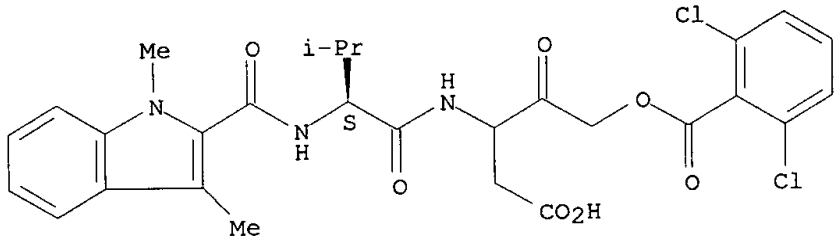
L4 ANSWER 8 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1998:183935 CAPLUS
DOCUMENT NUMBER: 128:244345
TITLE: Preparation of N-substituted-2-indolyl dipeptides as inhibitors of the ICE/ced-3 family of cysteine proteases
INVENTOR(S): Karanewsky, Donald S.; Bai, Xu
PATENT ASSIGNEE(S): Idun Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 104 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9811129	A1	19980319	WO 1997-US16157	19970912
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5869519	A	19990209	US 1996-767175	19961216
AU 9744138	A1	19980402	AU 1997-44138	19970912
CN 1207101	A	19990203	CN 1997-191612	19970912
EP 920444	A1	19990609	EP 1997-942441	19970912
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRIORITY APPLN. INFO.:			US 1996-26011	19960912
			US 1996-767175	19961216
			WO 1997-US16157	19970912

OTHER SOURCE(S): MARPAT 128:244345
IT **204919-40-4P**
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of substituted indolyl dipeptides as inhibitors of the

ICE/ced-3 family of cysteine proteases)
RN 204919-40-4 CAPLUS
CN Benzoic acid, 2,6-dichloro-,
4-carboxy-3-[[(2S)-2-[[(1,3-dimethyl-1H-indol-
2-yl)carbonyl]amino]-3-methyl-1-oxobutyl]amino]-2-oxobutyl ester (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 9 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1998:180773 CAPLUS
DOCUMENT NUMBER: 128:242906
TITLE: Inhibition of apoptosis using interleukin-1.beta.-converting enzyme (ice)/ced-3 family inhibitors
INVENTOR(S): Fritz, Lawrence C.; Tomaselli, Kevin J.
PATENT ASSIGNEE(S): Idun Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 184 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9810778	A1	19980319	WO 1997-US16369	19970912
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5869519	A	19990209	US 1996-767175	19961216
AU 9744819	A1	19980402	AU 1997-44819	19970912
CN 1207101	A	19990203	CN 1997-191612	19970912
EP 929311	A1	19990721	EP 1997-943323	19970912
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRIORITY APPLN. INFO.:
US 1996-26011 19960912
US 1996-710621 19960920
US 1996-767175 19961216
WO 1997-US16369 19970912

OTHER SOURCE(S): MARPAT 128:242906

IT **205036-44-8P**

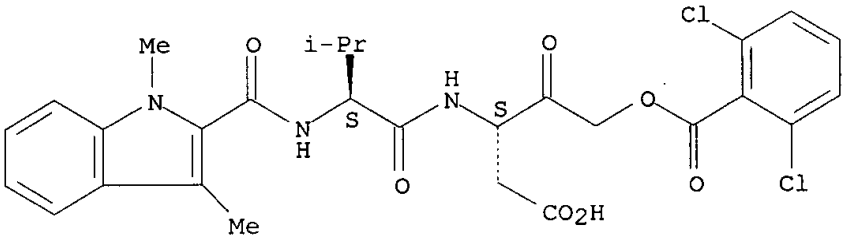
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(inhibition of apoptosis using indolecarbonylamino acid amide ICE inhibitors)

RN 205036-44-8 CAPLUS

CN Benzoic acid, 2,6-dichloro-, 4-carboxy-3-[[2-[[(1,3-dimethyl-1H-indol-2-yl)carbonyl]amino]-3-methyl-1-oxobutyl]amino]-2-oxobutyl ester, [S-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 10 OF 36 CAPLUS COPYRIGHT 1999 ACS

ACCESSION NUMBER: 1998:77165 CAPLUS

DOCUMENT NUMBER: 128:267567
Correction of: 128:7521

TITLE: Docking of a series of peptide-based interleukin-1.beta. converting enzyme inhibitors with aspartyl hemiacetals, .alpha.-((2,6-dichlorobenzoyl)oxy)methyl and (acyloxy)methyl ketone moieties

AUTHOR(S): Hariprasad, Vankayalapati; Kulkarni, Vithal M.

CORPORATE SOURCE: Pharmaceutical Division, University of Mumbai, Mumbai, 400019, India

SOURCE: J. Mol. Model. (1997), 3(10), 443-454
CODEN: JMMOFK; ISSN: 0948-5023
URL: http://link.springer.de/link/service/journals/00894/bibs/7003010/70030443.htm

PUBLISHER: Journal of Molecular Modeling

DOCUMENT TYPE: Journal; (online computer file)

LANGUAGE: English

IT **151272-16-1 151272-17-2 151594-01-3 153088-74-5 154674-81-4 154674-82-5 154674-84-7 154674-86-9 205324-40-9 205324-41-0**

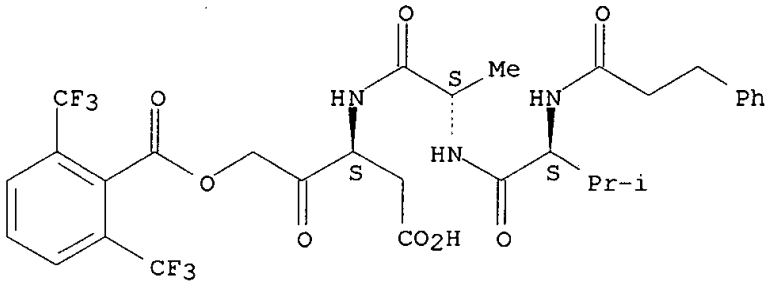
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); PRP (Properties); BIOL (Biological study); PROC (Process)

(docking anal. of peptide-based interleukin-1.beta. converting enzyme inhibitors)

RN 151272-16-1 CAPLUS

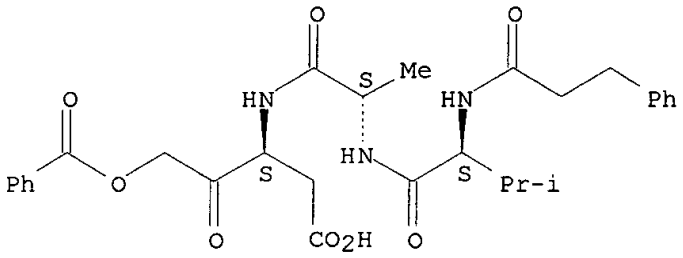
CN L-Alaninamide, N-(1-oxo-3-phenylpropyl)-L-valyl-N-[(1S)-3-[[2,6-bis(trifluoromethyl)benzoyl]oxy]-1-(carboxymethyl)-2-oxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



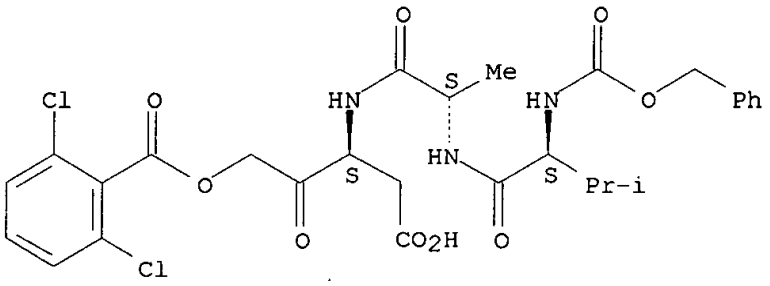
RN 151272-17-2 CAPLUS
CN L-Alaninamide, N-(1-oxo-3-phenylpropyl)-L-valyl-N-[(1S)-3-(benzoyloxy)-1-(carboxymethyl)-2-oxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



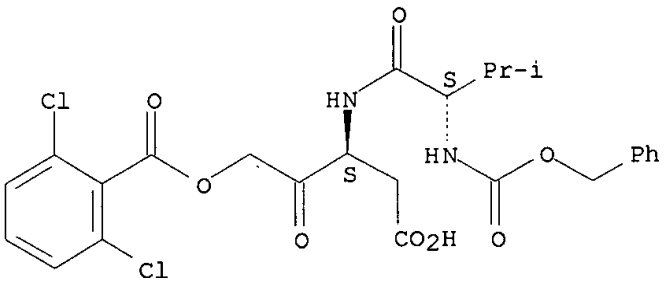
RN 151594-01-3 CAPLUS
CN L-Alaninamide, N-[(phenylmethoxy)carbonyl]-L-valyl-N-[1-(carboxymethyl)-3-[(2,6-dichlorobenzoyl)oxy]-2-oxopropyl]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 153088-74-5 CAPLUS
CN Benzoic acid, 2,6-dichloro-, (3S)-4-carboxy-3-[[(2S)-3-methyl-1-oxo-2-[[(phenylmethoxy)carbonyl]amino]butyl]amino]-2-oxobutyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 154674-81-4 CAPLUS
CN L-Alaninamide, N-acetyl-L-tyrosyl-L-valyl-N-[(1S)-1-(carboxymethyl)-3-[(2,6-dimethylbenzoyl)oxy]-2-oxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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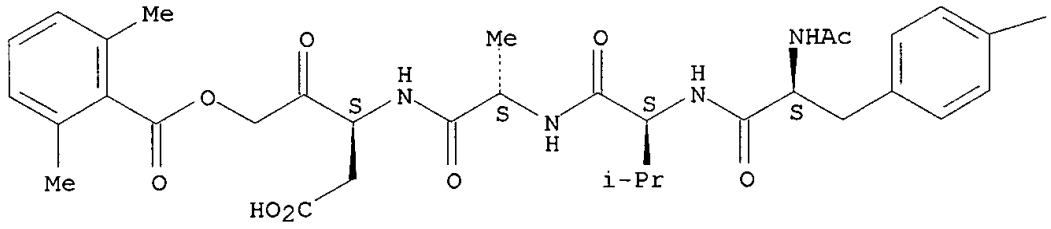

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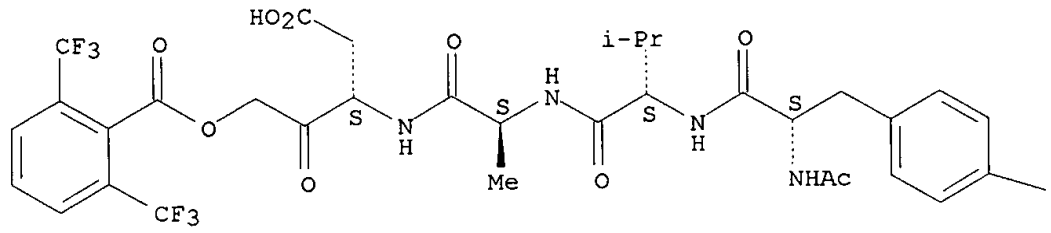
—OH

RN 154674-82-5 CAPLUS
CN L-Alaninamide, N-acetyl-L-tyrosyl-L-valyl-N-[(1S)-3-[[2,6-bis(trifluoromethyl)benzoyl]oxy]-1-(carboxymethyl)-2-oxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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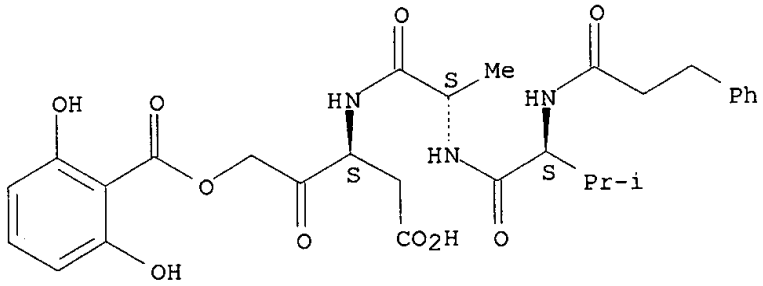
OH

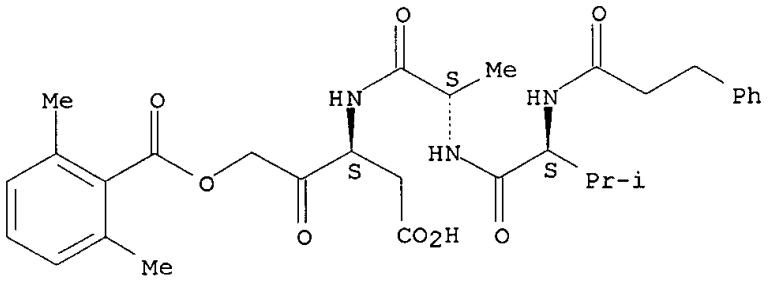
RN 154674-84-7 CAPLUS
CN L-Alaninamide,
N-(1-oxo-3-phenylpropyl)-L-valyl-N-[(1S)-1-(carboxymethyl)-
3-[(2,6-dihydroxybenzoyl)oxy]-2-oxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



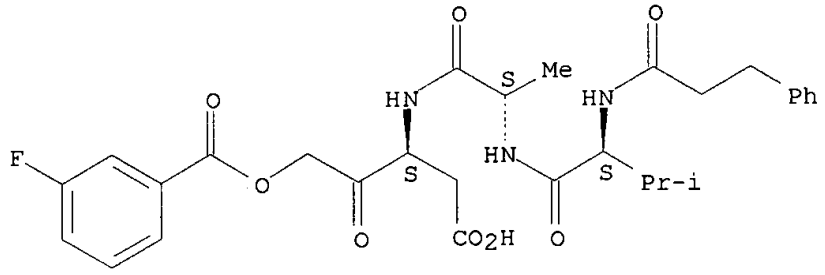
RN 154674-86-9 CAPLUS
CN L-Alaninamide,
N-(1-oxo-3-phenylpropyl)-L-valyl-N-[(1S)-1-(carboxymethyl)-
3-[(2,6-dimethylbenzoyl)oxy]-2-oxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



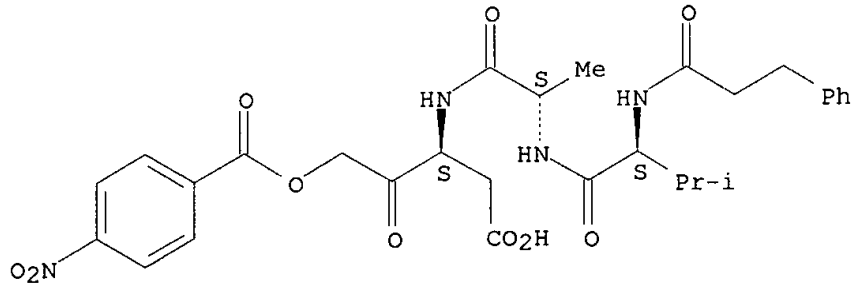
RN 205324-40-9 CAPLUS
CN L-Alaninamide,
N-(1-oxo-3-phenylpropyl)-L-valyl-N-[(1S)-1-(carboxymethyl)-
3-[(3-fluorobenzoyl)oxy]-2-oxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 205324-41-0 CAPLUS
CN L-Alaninamide,
N-(1-oxo-3-phenylpropyl)-L-valyl-N-[(1S)-1-(carboxymethyl)-
3-[(4-nitrobenzoyl)oxy]-2-oxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



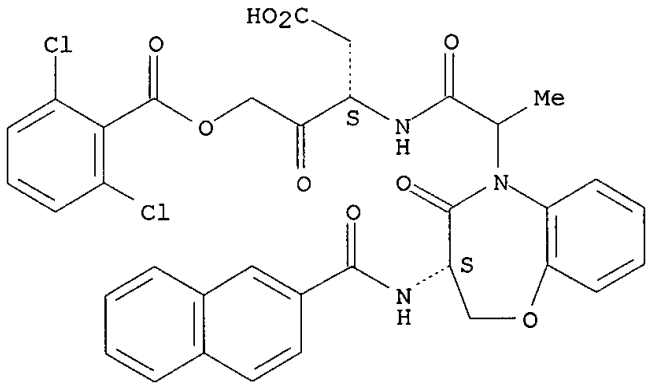
L4 ANSWER 11 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1997:749890 CAPLUS
DOCUMENT NUMBER: 128:35022

TITLE: Preparation of tripeptide analogs containing benzoxazepine derivatives as cysteine protease inhibitors
INVENTOR(S): Watanabe, Hiroyuki; Kamata, Shin; Fukuda, Tsunehiko
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 28 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09295996	A2	19971118	JP 1997-50119	19970305
			JP 1996-49177	19960306

PRIORITY APPLN. INFO.:
OTHER SOURCE(S): MARPAT 128:35022
IT **199613-81-5P**
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of tripeptide analogs contg. benzoxazepine derivs. as cysteine protease and interleukin-1.beta. converting enzyme inhibitors for disease treatment)
RN 199613-81-5 CAPLUS
CN Benzoic acid, 2,6-dichloro-, 4-carboxy-3-[[2-[3,4-dihydro-3-[(2-naphthalenylcarbonyl)amino]-4-oxo-1,5-benzoxazepin-5(2H)-yl]-1-oxopropyl]amino]-2-oxobutyl ester, [3S-[3R*,5(R*)]]-[partial]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 12 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1997:636190 CAPLUS
DOCUMENT NUMBER: 127:307394
TITLE: Preparation of N-(6-oxo-1-pyrimidinylacetyl)aspartic acid analogs as interleukin-1.beta.-converting enzyme inhibitors
INVENTOR(S): Dolle, Roland E.; Prouty, Catherine P.; Chaturvedula,

Prasad V.; Schmidt, Stanley J.
PATENT ASSIGNEE(S): Sanoft, Fr.
SOURCE: U.S., 12 pp. Cont.-in-part of U.S. Ser. No. 221,712.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

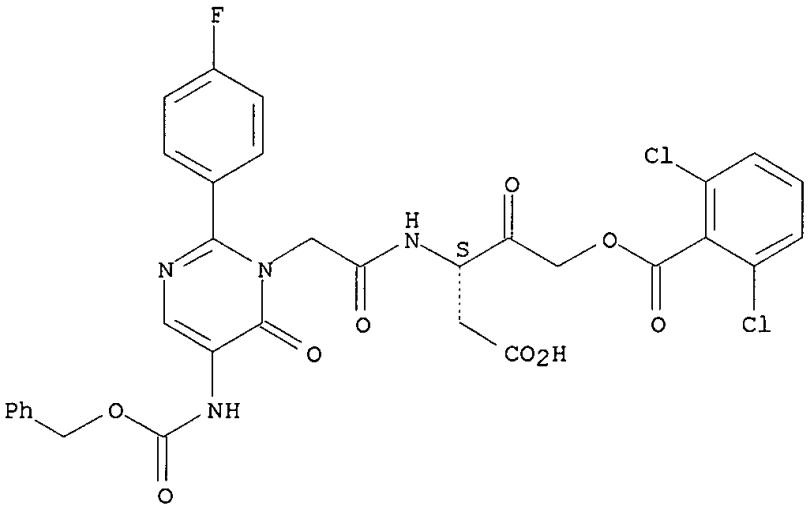
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5670494	A	19970923	US 1995-559870	19951120
CA 2186511	AA	19951012	CA 1995-2186511	19950329
CN 1149292	A	19970507	CN 1995-193258	19950329
HU 75715	A2	19970528	HU 1996-2664	19950329

PRIORITY APPLN. INFO.: US 1994-221712 19940331
OTHER SOURCE(S): MARPAT 127:307394

IT **173305-25-4P 173305-26-5P 173305-41-4P**
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-(6-oxo-1-pyrimidinylacetyl)aspartic acid analogs as interleukin-1.beta.-converting enzyme inhibitors)

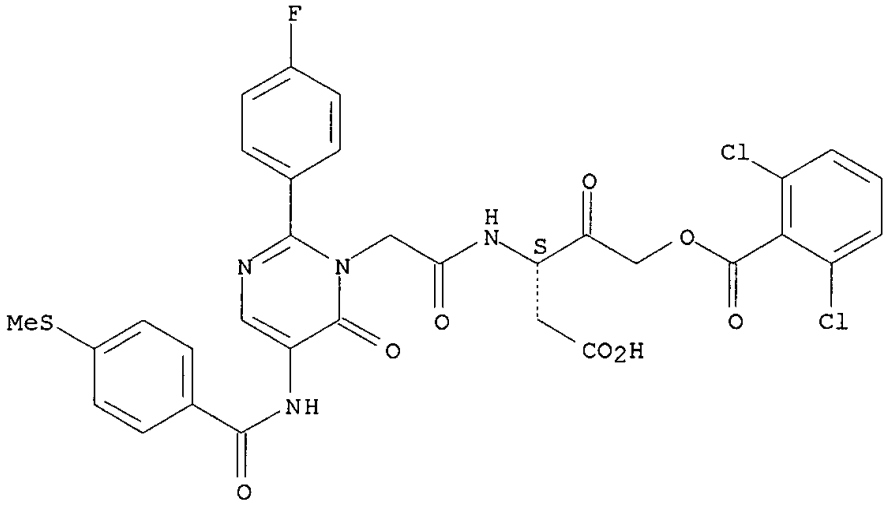
RN 173305-25-4 CAPLUS
CN Benzoic acid, 2,6-dichloro-, (3S)-4-carboxy-3-[[[2-(4-fluorophenyl)-6-oxo-5-[[(phenylmethoxy)carbonyl]amino]-1(6H)-pyrimidinyl]acetyl]amino]-2-oxobutyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



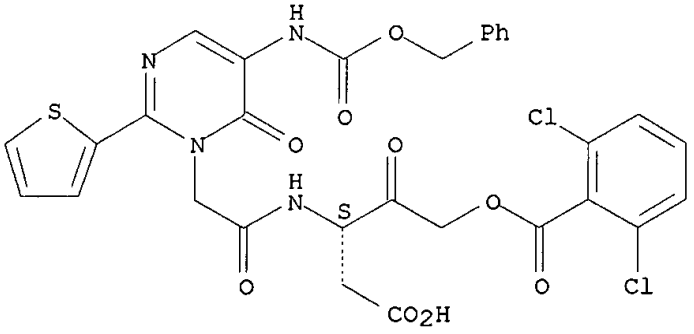
RN 173305-26-5 CAPLUS
CN Benzoic acid, 2,6-dichloro-, 4-carboxy-3-[[[2-(4-fluorophenyl)-5-[[4-(methylthio)benzoyl]amino]-6-oxo-1(6H)-pyrimidinyl]acetyl]amino]-2-oxobutyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 173305-41-4 CAPLUS
CN Benzoic acid, 2,6-dichloro-, (3S)-4-carboxy-2-oxo-3-[[[6-oxo-5-[[(phenylmethoxy)carbonyl]amino]-2-(2-thienyl)-1(6H)-pyrimidinyl]acetyl]amino]butyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 13 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1997:541852 CAPLUS
DOCUMENT NUMBER: 127:234612
TITLE: Preparation of heterocyclyl aspartaldehyde peptide derivatives as interleukin-1.beta. converting enzyme inhibitors
INVENTOR(S): Bemis, Guy W.; Golec, Julian M. C.; Lauffer, David J.;
Mullican, Michael D.; Murcko, Mark A.; Livingston, David J.
PATENT ASSIGNEE(S): Vertex Pharmaceuticals, Inc., USA

SOURCE: U.S., 67 pp. Cont.-in-part of U.S. Ser. No. 261,452.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5656627	A	19970812	US 1995-405581	19950317
US 5756466	A	19980526	US 1994-261452	19940617
US 5847135	A	19981208	US 1995-440898	19950525
US 5716929	A	19980210	US 1995-464964	19950605
ZA 9504988	A	19961217	ZA 1995-4988	19950615
WO 9535308	A1	19951228	WO 1995-US7617	19950616
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2192089	AA	19951228	CA 1995-2192089	19950616
AU 9529446	A1	19960115	AU 1995-29446	19950616
EP 784628	A1	19970723	EP 1995-925257	19950616
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1159196	A	19970910	CN 1995-194381	19950616
BR 9508051	A	19971021	BR 1995-8051	19950616
HU 76622	A2	19971028	HU 1996-3475	19950616
JP 10504285	T2	19980428	JP 1995-502478	19950616
NO 9605365	A	19970217	NO 1996-5365	19961213
FI 9605036	A	19970214	FI 1996-5036	19961216
PRIORITY APPLN. INFO.:			US 1994-261452	19940617
			US 1995-405581	19950317
			US 1995-440898	19950525
			WO 1995-US7617	19950616

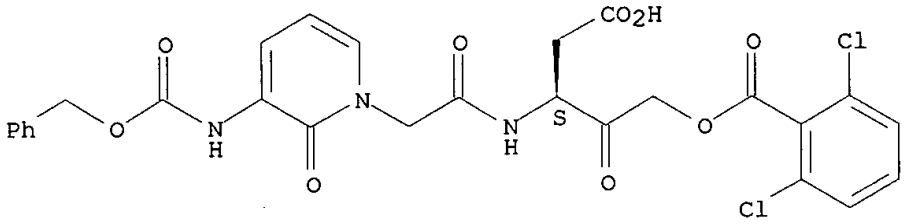
OTHER SOURCE(S): MARPAT 127:234612

IT **175209-21-9P 175209-22-0P**
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of heterocyclyl aspartaldehyde peptide derivs. as interleukin-1.beta. converting enzyme inhibitors)

RN 175209-21-9 CAPLUS

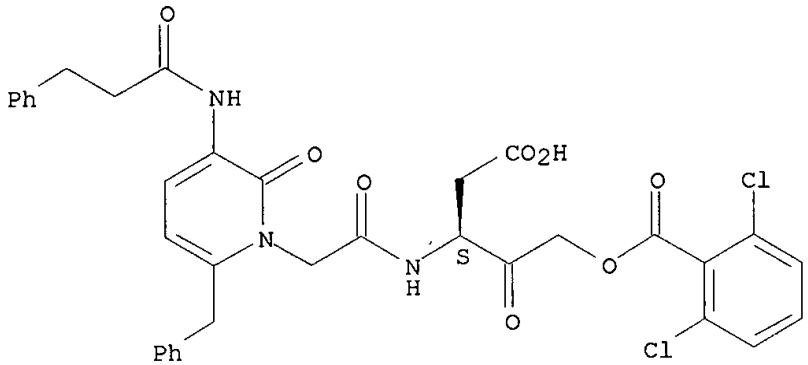
CN Benzoic acid, 2,6-dichloro-, (3S)-4-carboxy-2-oxo-3-[[[2-oxo-3-[[(phenylmethoxy)carbonyl]amino]-1(2H)-pyridinyl]acetyl]amino]butyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RN 175209-22-0 CAPLUS
CN Benzoic acid, 2,6-dichloro-, (3S)-4-carboxy-2-oxo-3-[[[2-oxo-3-[(1-oxo-3-phenylpropyl)amino]-6-(phenylmethyl)-1(2H)-pyridinyl]acetyl]amino]butyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



L4 ANSWER 14 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1997:502830 CAPLUS
DOCUMENT NUMBER: 127:122000
TITLE: Inhibitors of interleukin-1.beta. converting enzyme
INVENTOR(S): Batchelor, Mark J.; Bebbington, David; Bemis, Guy W.; Fridman, Wolf Herman; Gillespie, Roger J.; Golec, Julian M. C.; Gu, Yong; Lauffer, David J.; Livingston, David J.; Matharu, Saroop S.; Mullican, Michael D.; Murcko, Mark A.; Murdoch, Robert; Nyce, Philip L.; Robidoux, Andrea L. C.; et al.
PATENT ASSIGNEE(S): USA
SOURCE: PCT Int. Appl., 946 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9722619	A2	19970626	WO 1996-US20843	19961220

WO 9722619 A3 19971016
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
US 5874424 A 19990223 US 1996-598332 19960208
AU 9715222 A1 19970714 AU 1997-15222 19961220
EP 869967 A2 19981014 EP 1996-945318 19961220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
NO 9802597 A 19980812 NO 1998-2597 19980605
PRIORITY APPLN. INFO.: US 1995-575641 19951220
US 1996-598332 19960208
US 1996-712878 19960912
US 1996-31495 19961126
US 1996-761483 19961206
WO 1996-US20843 19961220

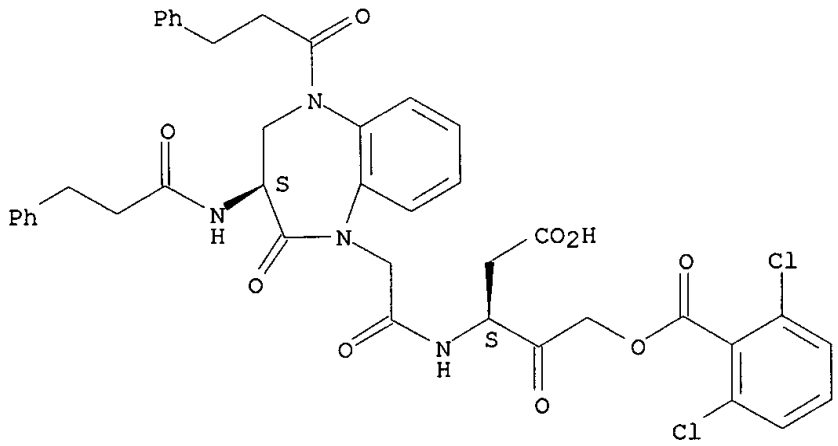
OTHER SOURCE(S): MARPAT 127:122000

IT **175209-83-3P**
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(inhibitors of interleukin-1.beta. converting enzyme)

RN 175209-83-3 CAPLUS

CN Benzoic acid, 2,6-dichloro-, (3S)-4-carboxy-2-oxo-3-[[[(3S)-2,3,4,5-tetrahydro-2-oxo-5-(1-oxo-3-phenylpropyl)-3-[(1-oxo-3-phenylpropyl)amino]-1H-1,5-benzodiazepin-1-yl]acetyl]amino]butyl ester (9CI) (CA INDEX NAME)

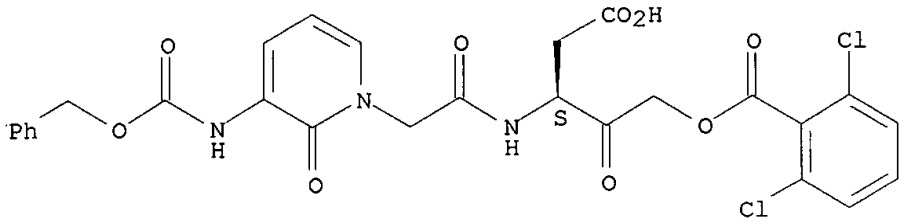
Absolute stereochemistry.



IT **175209-21-9P 175209-22-0P 192757-64-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(inhibitors of interleukin-1.beta. converting enzyme)

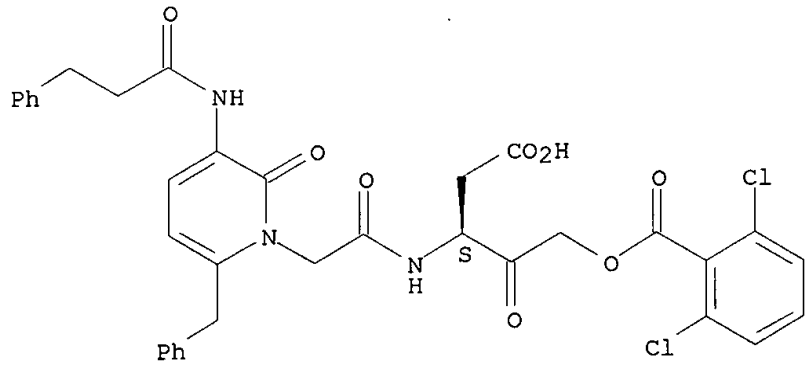
RN 175209-21-9 CAPLUS
CN Benzoic acid, 2,6-dichloro-, (3S)-4-carboxy-2-oxo-3-[[[2-oxo-3-[[(phenylmethoxy)carbonyl]amino]-1(2H)-pyridinyl]acetyl]amino]butyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



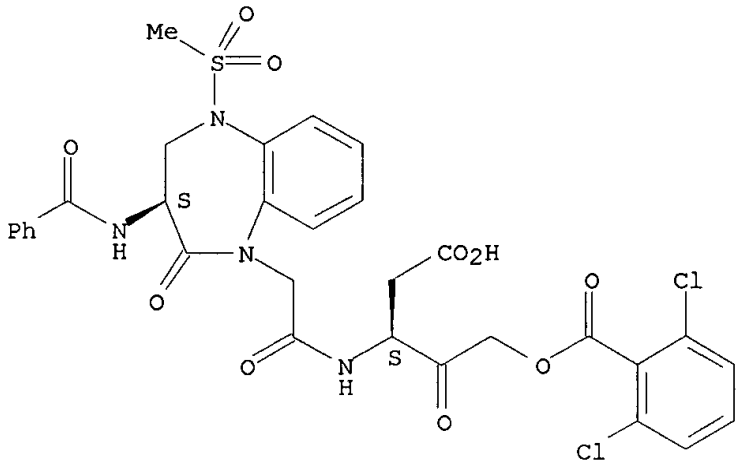
RN 175209-22-0 CAPLUS
CN Benzoic acid, 2,6-dichloro-, (3S)-4-carboxy-2-oxo-3-[[[2-oxo-3-[(1-oxo-3-phenylpropyl)amino]-6-(phenylmethyl)-1(2H)-pyridinyl]acetyl]amino]butyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



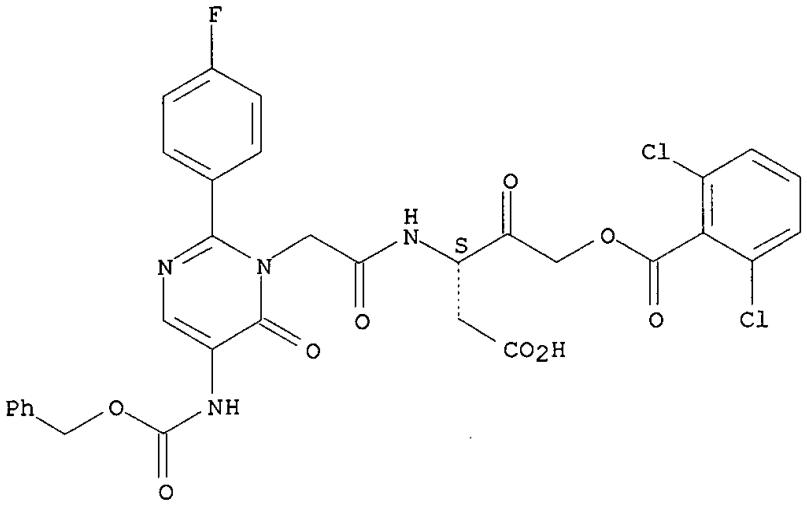
RN 192757-64-5 CAPLUS
CN Benzoic acid, 2,6-dichloro-, (3S)-3-[[[(3S)-3-(benzoylamino)-2,3,4,5-tetrahydro-5-(methylsulfonyl)-2-oxo-1H-1,5-benzodiazepin-1-yl]acetyl]amino]-4-carboxy-2-oxobutyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



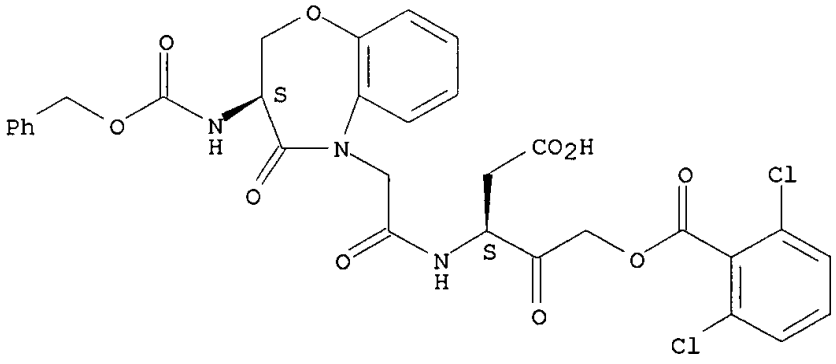
L4 ANSWER 15 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1997:397284 CAPLUS
DOCUMENT NUMBER: 127:44456
TITLE: Pyridazinodiazepines as a High-Affinity, P2-P3 Peptidomimetic Class of Interleukin-1.beta.-Converting Enzyme Inhibitor
AUTHOR(S): Dolle, Roland E.; Prasad, C. V. C.; Prouty, Catherine P.; Salvino, Joseph M.; Awad, Mohamed M. A.; Schmidt, Stanley J.; Hoyer, Denton; Ross, Tina Morgan; Graybill, Todd L.; Speier, Gary J.; Uhl, Joanne; Miller, Robert; Helaszek, Carla T.; Ator, Mark A.
CORPORATE SOURCE: Sanofi Winthrop Inc., Collegeville, PA, 19426, USA
SOURCE: J. Med. Chem. (1997), 40(13), 1941-1946
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **173305-25-4P 191212-33-6P**
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(pyridazinodiazepines as a high-affinity, P2-P3 peptidomimetic class of interleukin-1.beta.-converting enzyme inhibitor)
RN 173305-25-4 CAPLUS
CN Benzoic acid, 2,6-dichloro-, (3S)-4-carboxy-3-[[[2-(4-fluorophenyl)-6-oxo-5-[[(phenylmethoxy)carbonyl]amino]-1(6H)-pyrimidinyl]acetyl]amino]-2-oxobutyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 191212-33-6 CAPLUS
CN Benzoic acid, 2,6-dichloro-, 4-carboxy-3-[[[3,4-dihydro-4-oxo-3-[[(phenylmethoxy)carbonyl]amino]-1,5-benzoxazepin-5(2H)-yl]acetyl]amino]-2-oxobutyl ester, [S-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



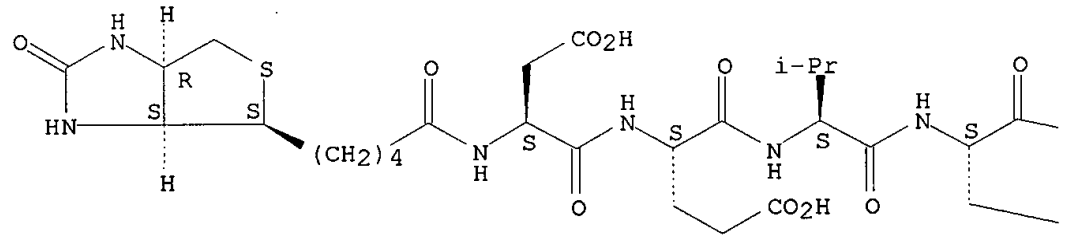
L4 ANSWER 16 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1997:349500 CAPLUS
DOCUMENT NUMBER: 127:80118
TITLE: T-cell receptor ligation by peptide/MHC induces activation of a caspase in immature thymocytes: the molecular basis of negative selection
AUTHOR(S): Clayton, Linda K.; Ghendler, Yoseph; Mizoguchi, Emiko;
Patch, Raymond J.; Ocain, Timothy D.; Orth, Kim; Bhan,

Atul K.; Dixit, Vishva M.; Reinherz, Ellis L.
CORPORATE SOURCE: Laboratory of Immunobiology, Dana-Farber Cancer Institute, Harvard Medical School, Boston, MA, 02115, USA
SOURCE: EMBO J. (1997), 16(9), 2282-2293
CODEN: EMJODG; ISSN: 0261-4189
PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English

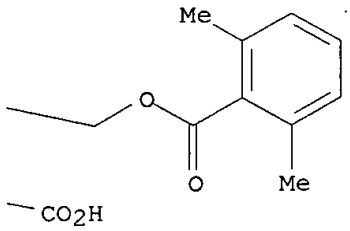
IT **191666-52-1P**
RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. and biol. activity of)
RN 191666-52-1 CAPLUS
CN L-Valinamide,
N-[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]-L-.alpha.-aspartyl-L-.alpha.-glutamyl-N-[(1S)-1-(carboxymethyl)-3-[(2,6-dimethylbenzoyl)oxy]-2-oxopropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



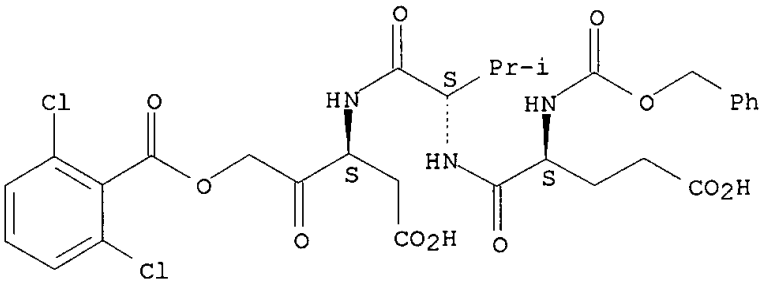
PAGE 1-B



L4 ANSWER 17 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1997:199607 CAPLUS
DOCUMENT NUMBER: 126:289777
TITLE: Actin cleavage by CPP-32/apopain during the development of apoptosis
AUTHOR(S): Mashima, Tetsuo; Naito, Mikihiko; Noguchi, Kohji;

Miller, Douglas K.; Nicholson, Donald W.; Tsuruo, Takashi
CORPORATE SOURCE: Laboratory of Biomedical Research, Institute of Molecular and Cellular Biosciences, University of Tokyo, Tokyo, 113, Japan
SOURCE: Oncogene (1997), 14(9), 1007-1012
CODEN: ONCNES; ISSN: 0950-9232
PUBLISHER: Stockton
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **189176-81-6**
RL: BAC (Biological activity or effector, except adverse); BIOL (Biological study)
(apopain inhibited by; actin cleavage by CPP-32/apopain during the development of apoptosis)
RN 189176-81-6 CAPLUS
CN L-Valinamide, N-[(phenylmethoxy)carbonyl]-L-.alpha.-glutamyl-N-[(1S)-1-(carboxymethyl)-3-[(2,6-dichlorobenzoyl)oxy]-2-oxopropyl]- (9CI) (CA INDEX NAME)

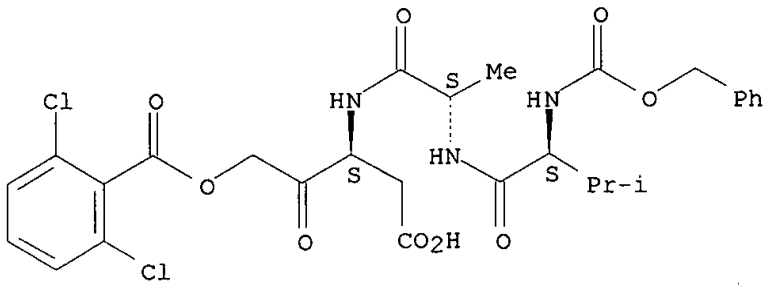
Absolute stereochemistry.



L4 ANSWER 18 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1997:171652 CAPLUS
DOCUMENT NUMBER: 126:233538
TITLE: An ICE inhibitor, z-VAD-DCB attenuates ischemic brain damage in the rat
AUTHOR(S): Loddick, Sarah A.; Mackenzie, Andrew; Rothwell, Nancy J.
CORPORATE SOURCE: School of Biological Sciences 1.124, University of Manchester, Manchester, M13 9PT, UK
SOURCE: NeuroReport (1996), 7(9), 1465-1468
CODEN: NERPEZ; ISSN: 0959-4965
PUBLISHER: Rapid Science Publishers
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **151594-01-3**
RL: BAC (Biological activity or effector, except adverse); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(ICE inhibitor z-VAD-DCB attenuates ischemic brain damage)
RN 151594-01-3 CAPLUS
CN L-Alaninamide, N-[(phenylmethoxy)carbonyl]-L-valyl-N-[1-(carboxymethyl)-3-

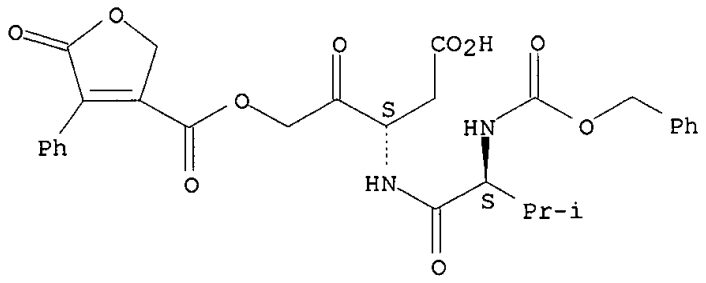
[(2,6-dichlorobenzoyl)oxy]-2-oxopropyl]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 19 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1997:56319 CAPLUS
DOCUMENT NUMBER: 126:166088
TITLE: .alpha.-[(Tetronoyl)oxy]- and .alpha.-[(tetramoyl)oxy]methyl ketone inhibitors of the interleukin-1.beta. converting enzyme (ICE)
AUTHOR(S): Graybill, Todd L.; Prouty, Catherine P.; speier, Gary J.; Hoyer, Denton; Dolle, Ronald E.; Helaszek, Carla T.; Ator, Mark A.; Uhl, Joanne; Strasters, Joost
CORPORATE SOURCE: Sanofi Winthrop Inc., Malvern, PA, 19355, USA
SOURCE: Bioorg. Med. Chem. Lett. (1997), 7(1), 41-46
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **187164-54-1P 187164-55-2P 187164-56-3P 187164-57-4P**
RL: BAC (Biological activity or effector, except adverse); PNU (Preparation, unclassified); PRP (Properties); BIOL (Biological study); PREP (Preparation)
(prepn. and structure of .alpha.-[(tetronoyl)oxy]- and .alpha.-[(tetramoyl)oxy]methyl ketones as inhibitors of interleukin-1.beta. converting enzyme)
RN 187164-54-1 CAPLUS
CN 3-Furancarboxylic acid, 2,5-dihydro-5-oxo-4-phenyl-, 4-carboxy-3-[[3-methyl-1-oxo-2-[[(phenylmethoxy)carbonyl]amino]butyl]amino]-2-oxobutyl ester, [S-(R*,R*)]- (9CI) (CA INDEX NAME)

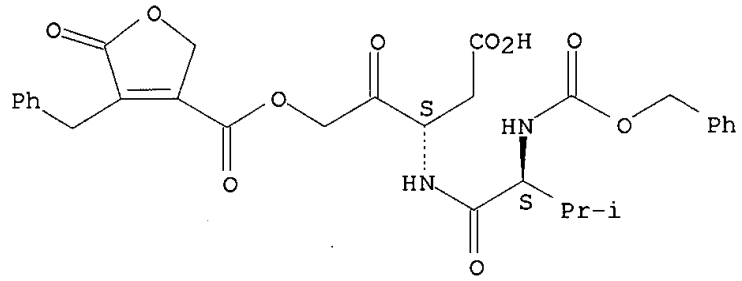
Absolute stereochemistry.



RN 187164-55-2 CAPLUS
CN 3-Furancarboxylic acid, 2,5-dihydro-5-oxo-4-(phenylmethyl)-,

4-carboxy-3-[[3-methyl-1-oxo-2-[[(phenylmethoxy)carbonyl]amino]butyl]amino
]-2-oxobutyl ester, [S-(R*,R*)]- (9CI) (CA INDEX NAME)

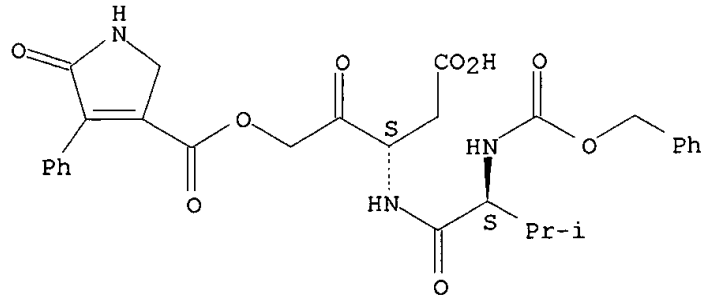
Absolute stereochemistry.



RN 187164-56-3 CAPLUS
CN 1H-Pyrrole-3-carboxylic acid, 2,5-dihydro-5-oxo-4-phenyl-,

4-carboxy-3-[[3-methyl-1-oxo-2-[[(phenylmethoxy)carbonyl]amino]butyl]amino
]-2-oxobutyl ester, [S-(R*,R*)]- (9CI) (CA INDEX NAME)

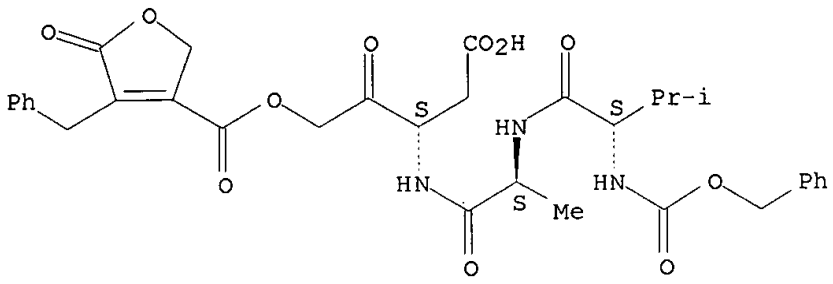
Absolute stereochemistry.



RN 187164-57-4 CAPLUS

CN L-Alaninamide, N-[(phenylmethoxy)carbonyl]-L-valyl-N-[(1S)-1-(carboxymethyl)-3-[[[2,5-dihydro-5-oxo-4-(phenylmethyl)-3-furanyl]carbonyl]oxy]-2-oxopropyl]- (9CI) (CA INDEX NAME)

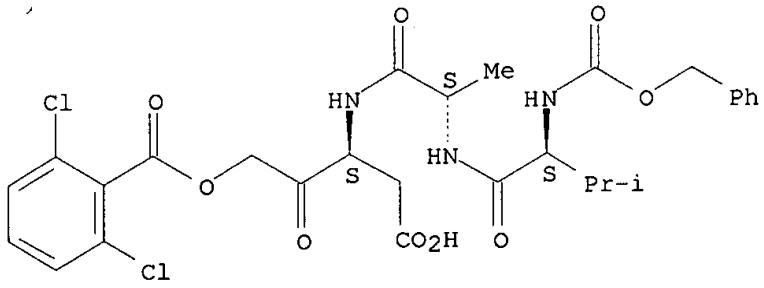
Absolute stereochemistry.



IT **151594-01-3 153088-74-5**
RL: BAC (Biological activity or effector, except adverse); PRP (Properties); BIOL (Biological study)
(prepn. and structure of .alpha.-[(tetronoyl)oxy]- and .alpha.-[(tetramoyl)oxy]methyl ketones as inhibitors of interleukin-1.beta. converting enzyme)

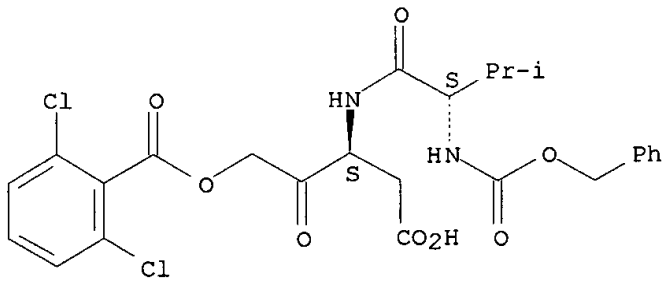
RN 151594-01-3 CAPLUS
CN L-Alaninamide, N-[(phenylmethoxy)carbonyl]-L-valyl-N-[1-(carboxymethyl)-3-[(2,6-dichlorobenzoyl)oxy]-2-oxopropyl]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



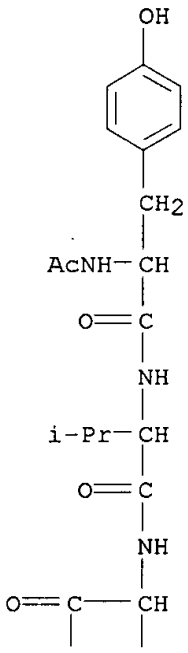
RN 153088-74-5 CAPLUS
CN Benzoic acid, 2,6-dichloro-, (3S)-4-carboxy-3-[[(2S)-3-methyl-1-oxo-2-[[(phenylmethoxy)carbonyl]amino]butyl]amino]-2-oxobutyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

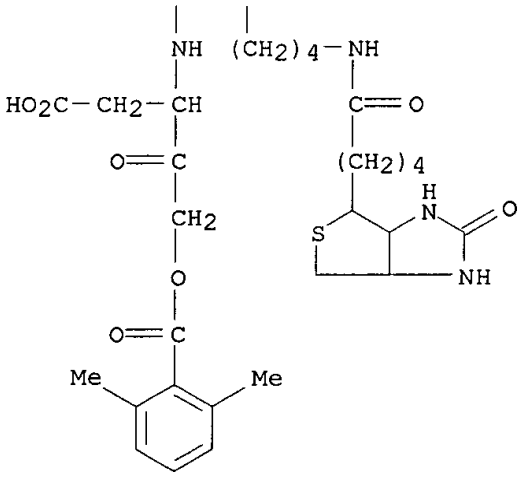


L4 ANSWER 20 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1996:498709 CAPLUS
DOCUMENT NUMBER: 125:161791
TITLE: Cleavage of lamin A by Mch2.alpha. but not CPP32: multiple interleukin 1.beta.-converting enzyme-related proteases with distinct substrate recognition properties are active in apoptosis
AUTHOR(S): Takahashi, Atsushi; Alnemri, Emad S.; Lazebnik, Yuri A.; Fernandes-Alnemri, Teresa; Litwack, Gerald; Moir, Robert D.; Goldman, Robert D.; Poirier, Guy G.; Kaufmann, Scott H.; Earnshaw, William C.
CORPORATE SOURCE: Department Cell Biology and Anatomy, Johns Hopkins School Medicine, Baltimore, MD, 21205, USA
SOURCE: Proc. Natl. Acad. Sci. U. S. A. (1996), 93(16), 8395-8400
CODEN: PNASA6; ISSN: 0027-8424
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **154719-25-2**
RL: NUU (Nonbiological use, unclassified); USES (Uses)
(cleavage of lamin A by Mch2.alpha. but not CPP32: multiple interleukin 1.beta.-converting enzyme-related proteases with distinct substrate recognition properties are active in apoptosis)
RN 154719-25-2 CAPLUS
CN L-Lysinamide, N-acetyl-L-tyrosyl-L-valyl-N-[1-(carboxymethyl)-3-[(2,6-dimethylbenzoyl)oxy]-2-oxopropyl]-N6-[5-(hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl)-1-oxopentyl]-, [3aS-[3a.alpha.,4.beta.(R*),6a.alpha.]]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



L4 ANSWER 21 OF 36 CAPLUS COPYRIGHT 1999 ACS
ACCESSION NUMBER: 1996:326451 CAPLUS
DOCUMENT NUMBER: 125:48346
TITLE: First Examples of Peptidomimetic Inhibitors of

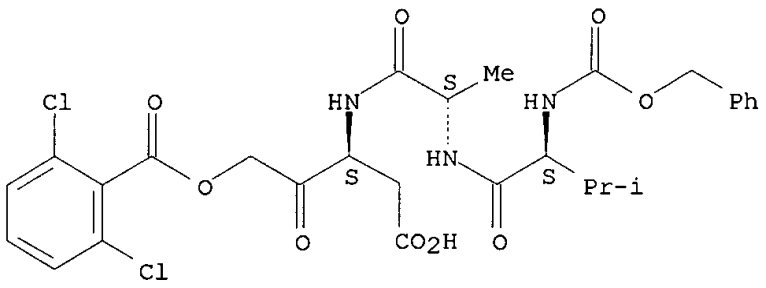
Interleukin-1.beta. Converting Enzyme

AUTHOR(S): Dolle, Roland E.; Prouty, Catherine P.; Prasad, C. V. C.; Cook, Ewell; Saha, Ashis; Ross, Tina Morgan; Salvino, Joseph M.; Helaszek, Carla T.; Ator, Mark A.
CORPORATE SOURCE: Sanofi Winthrop Inc., Collegeville, PA, 19426, USA
SOURCE: J. Med. Chem. (1996), 39(13), 2438-2440
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 125:48346

IT **151594-01-3**
RL: BAC (Biological activity or effector, except adverse); PRP (Properties); BIOL (Biological study)
(prepn. of peptidomimetic inhibitors of interleukin-1.beta. converting enzyme in relation to structure)

RN 151594-01-3 CAPLUS
CN L-Alaninamide, N-[(phenylmethoxy)carbonyl]-L-valyl-N-[1-(carboxymethyl)-3-[(2,6-dichlorobenzoyl)oxy]-2-oxopropyl]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT **177742-22-2P 177742-23-3P 177742-24-4P 177742-25-5P 177742-26-6P 177742-27-7P 177742-28-8P**
RL: BAC (Biological activity or effector, except adverse); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. of peptidomimetic inhibitors of interleukin-1.beta. converting enzyme in relation to structure)

RN 177742-22-2 CAPLUS
CN Benzoic acid, 2,4-dichloro-, 4-carboxy-3-[[[2-(4-fluorophenyl)-6-oxo-5-[[(phenylmethoxy)carbonyl]amino]-1(6H)-pyrimidinyl]acetyl]amino]-2-oxobutyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.